



United States  
Department of  
Agriculture

Forest  
Service

Sawtooth National  
Forest

5/003/055  
Burley/Twin Falls Ranger  
District  
3650 S Overland Ave  
Burley, ID 83318

File Code: 2810/2850

Date: August 13, 2000

Mr. Michael J. Pauletto  
22310 NE Hillside Drive  
Vancouver, WA 98682

Mr. Michael Cates  
1705 W. 100 N.  
Tremonton, UT 84337

**RECEIVED**

AUG 18 2000

DIVISION OF  
OIL, GAS AND MINING

Re: Supplemental approval letter and bond calculation

Dear Mssrs. Pauletto and Cates:

A letter of authorization was sent to you dated July 27, 2000. Dick Riordan notified us that this approval needed to be supplemented to include excavation of a test pit to remove rock for market analysis. This work would be in addition to exploration drilling. This letter and bond calculation will incorporate the previous drilling approval with the addition of a test pit.

This letter will serve as your authorization to conduct the exploration activities described in your Notices of Intent to Operate dated July 5 and 6, 2000 for the Rieber Association Mining Claims located in Sections 2,3,10,11,12, 13, and 15, Township 13 North, Range 16 West, SLB&M. The claims are located in the Clarks Basin Area, Raft River Division of the Sawtooth National Forest. You submitted a Notice of Intention to Conduct Exploration (7/6/00) and a Notice of Intention to Commence Small Mining Operations (7/5/00) with the State of Utah Dept. of Oil, Gas, and Mining. The information supplied is sufficient to evaluate the proposal under the US Forest Service Plan of Operations procedures described in 36 CFR 228C and A Regulations. After discussions with Mr. Richard Riordan concerning the scale of operations required for exploration of building stone, the following activities are approved:

Access to the site will be via Forest Development Roads (FDR) 003 and 018, then via walking or skidding a core drill overland to the drill sites. Service trips to the drill will be minimized to prevent compaction of soils.

Drill holes will be plugged with bentonite pellets to within six feet of the top, then a concrete plug will be placed within one foot of the surface. The top one foot will be backfilled with soil. Each hole will be plugged prior to leaving the site and moving to the next drill location.

Water used in the drilling process will be contained in portable tanks and recirculated. Water will not be allowed to flow overland.

Access to the test pit location will be from FDR 018 to a four wheel drive road that crosses the north half of Section 14 and passes into Section 13, T. 13 N., R. 16 W. At this point, 600 feet of road will be constructed for minimum access (12 - 14 ft. running width) to the test pit location.





is encountered a pit 20 feet long, 10 feet wide, and 6 feet deep will be excavated to remove the material for the test sample.

A reclamation bond for \$3100.00 will be required for final reclamation and will be required prior to commencement of any exploration activities. Refer to the enclosed bond estimate. Please sign the bond estimate form and provide us with a cash bond and return to the Burley District Office. If positive results from the drilling and sampling prompt further exploration (drilling, trenching, bulk sampling, etc.) please contact the Forest Service and request a supplement to this approval. A new bond will be assessed based on your future plans.

This authorization is valid through December 31, 2000. If you have any questions or your current plans change please contact Carmela Romerio at 678-0430.

Sincerely,



PETE PETERSON  
District Ranger

CC: Mr. Richard Riordan, 2674 Robidoux Road, Sandy, UT 84093-1139  
Mr. Lynn Kunzler, Div. Of Oil, Gas, and Mining, 1594 West North Temple Suite 1210,  
Box 145801, SLC, UT 84114-5801

**Bond Estimate – Rieber Stone Exploration**

**Reclamation Objective**

Scarify any areas of compacted soils from overland drill and service vehicle access. Prevent future unauthorized overland traffic from occurring.

Plug drill holes.

Road access to the test pit location – 600 feet will be recontoured and seeded.

The test pit will be backfilled and recontoured. The entire area (50 ft. x 20 ft.) will be scarified and seeded.

### **Selection of Equipment**

A Caterpillar 446 backhoe will be used to scarify (6-8 in. depth) the access routes – compacted tracks and backfill and scarify the test pit location.

Hourly Rate w/ oper. -  $\$39.40 + \$30.27 = \$69.67$

### **Scarifying Overland Access Routes**

Estimated Production rate – 200 ft. / hr.

Access to the drill sites will involve the following:

Rieber A&B	0.6 mile FS track	175 ft. overland access
Rieber C	0.1 mile along fence line	600 ft. overland access
Rieber D	0.5 mile FS track	no overland access req'd
Rieber E	0.4 mile FS track	no overland access req'd
Rieber F&G	0.2 mile FS track	400 ft. overland access

Total overland access 1175 ft.

1175 ft. /200 ft. /hr. x \$69.67 -----→ \$410

Labor (\$18.71/hr.) – 6 hrs.

6 hrs. x \$18.71/hr -----→ \$115

Mobilization for the backhoe from Burley, ID w/ operator – \$ 77.14 (\$46.87 + \$30.27)

Estimated time round trip inc. load and unload - 6 hours

6 hrs. x \$77.14/hr. -----→ \$463

Mobilization of service truck for fuel, maint. equip., fire equip., etc., inc. driver/laborer-  
\$30.98 (\$12.27 + \$18.71)

6 hrs x \$30.98 -----→ \$185

### Test Pit Reclamation

Road recontouring – 600 ft.

Estimated production rate – 100 ft./hr.

600 ft. /100 ft./hr. x \$69.67/hr. ----- → \$420

Backfilling the pit, recontouring, and scarifying.

Estimated time - 2 hours @ \$69.67/hr-----→ \$140

Labor (\$18.71/hr.) – 8 hrs.

8 hrs. x \$18.71/hr -----→ \$150

**Drill Hole Plugging** (est. 6 holes – 60ft. each) No ground water infiltration is anticipated.

Materials – Bentonite pellets 2 – 50lb. Bags/hole @ \$7.00/bag x 6 holes = \$84

Concrete 1- 25lb. Bag/hole @ \$5.00/bag x 6 holes = \$30

-----→ \$114

Labor (\$18.71/hr.) – estimated at 1hr./hole

6 holes x 1 hr./hole x \$18.71/hr -----→ \$113

**Revegetation** (est. 1 acre total disturbance)\*

(1175 ft. + 600 ft.) x 20 ft. /43,560 SF/A. = 0.8 A.

50 ft. x 20 ft. / 43,560 SF/A = 0.1 A.

Labor and materials – est. \$100/acre -----→ \$100

\* contact the Burley District Office for the recommended seed mix.

### Forest Service On-site Administration

Estimated time one – 2-10 hr. days.

1 - GS-9 for 2 days @ \$240/10 hr. day

Labor -----→ \$480

Subtotal \$2,690

Administration (contracting) 15% \$ 405

Recommended Bond **\$3,100**

The bond amount will be reviewed annually and adjusted to compensate for completed reclamation work, changes in the equipment rental rates, wages, materials, increase in scope of operations, etc.

### Conditions of Bond Release

#### Partial Release

Upon completion of the project, portions of the bond can be released when the earthwork (recontouring, reshaping, ripping, scarification, etc.) has been completed and the areas are stabilized and reseeded. The amount of the bond covering these activities can be released and only the portion covering revegetation will be held.

### Bond Release

Total release of the bond can only be approved when all disturbed areas have been recountoured, reshaped, ripped, scarified, etc.; adequate drainage has been installed; and revegetation has been completed to the Forest Standard.

### Standard for Minimum Acceptable Revegetation

Revegetation of the disturbed areas will be considered adequate when a minimum of 75 percent ground cover has been maintained for 2 consecutive years over 90 percent of the area reclaimed. Ground cover will be comparable to an adjacent reference area.

### **References**

R-4 Cost Estimating Guide for Road Construction 2000  
Sawtooth National Forest Labor Rates  
Elsing Drilling Co. Filer, ID

Prepared by: JEFF GABARDI  
Mining Engineer

Reviewed and Approved by: \_\_\_\_\_  
Operator

Approved by: \_\_\_\_\_  
District Ranger

Date: \_\_\_\_\_